

Serial No. 10/528,731
Atty. Doc. No. 2002P15759WOUS

Amendments To The Claims:

Please amend the claims as shown.

1 – 11 (canceled)

12. (previously presented) A method for monitoring a technical installation, comprising:
acquiring a physiological reaction of a human during an inspection tour of a portion of the technical installation,

analyzing the reaction to diagnose operational condition of a component of the technical installation.

13. (previously presented) The method according to Claim 12, wherein the said physiological reaction includes one of a neuritic current and changes in the neuritic current, and blood pressure and changes in blood pressure, pulse rate and changes in pulse rate, pulse strength and changes in pulse strength, galvanic skin reflex and changes in galvanic skin reflex, and breathing patterns.

14. (previously presented) The method according to Claim 12, wherein a camera device is used to record the human's sight including changes in said human's directions of sight.

15. (previously presented) The method according to Claim 12, wherein the human is equipped with a sensor device to acquire the human's physiological reaction.

16. (previously presented) The method according to Claim 12, further comprising storing the human's physiological reaction in a database and the database representing a history of the human's physiological reaction.

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17. (previously presented) The method according to Claim 12, further comprising an assignment of the acquired human physiological reaction at a failure, a process disturbance, and normal operation of the component in the technical installation.

18. (currently amended) A method for performing a diagnosis of a technical installation, comprising:

providing a sensor device; and

acquiring a ~~human~~-physiological reaction from a human with the device, during an inspection tour by the human around a portion of the technical installation, and analyzing the reaction to determine a condition of a portion of the technical installation.

19. (currently amended) The method according to Claim 18, wherein the step of acquiring the human physiological reaction includes acquiring one ~~ore~~ more of a neuritic current and changes in the neuritic current, blood pressure and changes in blood pressure, pulse rate and changes in pulse rate, pulse strength and changes in pulse strength, galvanic skin reflex and changes in galvanic skin reflex, and breathing patterns.

20. (previously presented) The method according to Claim 18, further comprising using a camera device to record the human's sight and changes of said human's directions of sight.

21. (previously presented) The method according to Claim 18, further including providing a database for storing the human physiological reaction with the database representing a history of the human's physiological reaction.

22. (previously presented) The method according to Claim 18, wherein the acquired human physiological reaction is assigned one of a failure, process disturbance, and normal operation of a component of the technical installation.